

SEISMIC ENERGY SOURCE FOR USE DURING WELLBORE DRILLING

ABSTRACT OF THE DISCLOSURE

5 A seismic energy source for use while drilling a wellbore is disclosed. The source includes a drive shaft adapted to be coupled in a drill string, and a housing rotatably supported outside the drive shaft. At least one contact member is disposed on an exterior of the housing and is selectively urged into contact with a wall of a wellbore surrounding the housing. The source includes means for selectively controlling a force applied to the at least one contact member.